



Weatherford®

REAL RESULTS

ZoneSelect™ Fracturing System Isolates, Fractures Long-Reach Horizontal Well, Maximizes Reservoir Access

Objectives

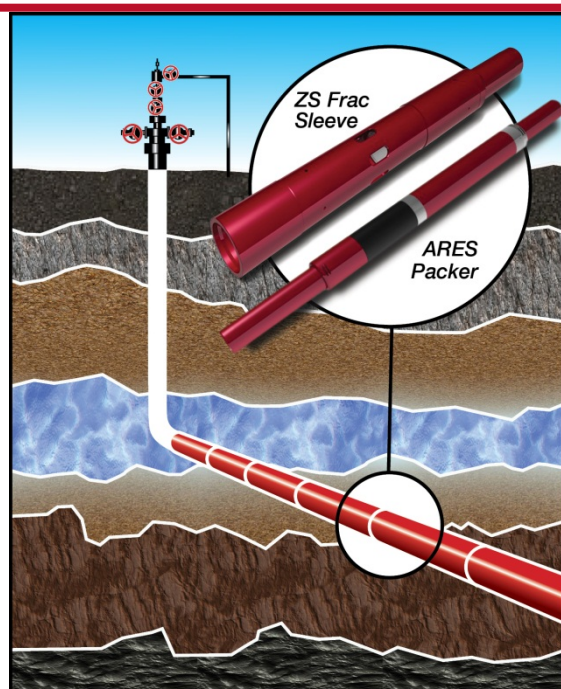
- Install a multi-zone liner system with openhole packers and sleeves.
- Isolate and fracture multiple zones in a 20,111-ft (6130-m) horizontal well. The operator experienced well kickoff at 6,145 ft (1873 m) and the total horizontal section was approximately 13,123 ft (4000 m).
- Maximize reservoir exposure and inflow capability.

Results

- The operator successfully deployed Weatherford's *ZoneSelect* SingleShot Frac Sliding Sleeves and ARES hydraulic openhole isolation packers to a total depth of 20,111 ft (6130 m).
- Weatherford used 18 *ZoneSelect* sleeves and 22 ARES packers to isolate 21 intervals and stimulate 18 of them in a single wellbore.
- The ARES packers isolated each stage's fracture treatment.
- Weatherford's *ZoneSelect* SingleShot Frac Sliding Sleeves maximized the operator's flow area through the flow ports while protecting the inner sleeve from erosion.

Value to Client

- Using Weatherford's *ZoneSelect* SingleShot Frac Sliding Sleeves and the ARES packers enabled the operator to create zonal isolation in a horizontal well and conduct multiple fracturing operations.
- Isolating zones in an openhole environment enabled the operator to expose a larger surface area for fracturing, increasing production 25% over an 18-month period.
- The *ZoneSelect* system minimized extraneous time and services required to stimulate the well, saving the operator associated rig costs and reducing the overall environmental impact.



Weatherford's ARES openhole packers and *ZoneSelect* technology isolated 21 individual zones in a 20,111-ft (6130-m) lateral well, decreasing overall costs while increasing production rates.

Location
Canada

Formation
Montney

Well Type
Onshore, horizontal

Hole Size
6-1/8 in. (156 mm)

Depth
20,111 ft (6130 m) MD
7,053 ft (2150 m) TVD

Liner Casing
4 1/2-in., 15.1-lb/ft
(114.3-mm, 22.47-kg/m) L-80

Equipment

- *ZoneSelect* SingleShot Frac sliding sleeves
- ARES openhole isolation packers
- UltraPak U Series permanent liner top packer assembly
- Premium latch seal assembly

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